

	Document ID	Issue Date	Pages	Title	Current OR
1	US 20070040704 A1	20070222	65	Reverse link interference cancellation	340/981
2	US 20060265214 A1	20061123	22	System and method for linear prediction	704/219
3	US 20060233289 A1	20061019	17	Mixed direct-indirect adaptation procedure applied to receiver filter	375/346
4	US 20060142041 A1	20060629	51	Adaptation of transmit subchannel gains in a system with interference cancellation	455/522
5	US 20060141935 A1	20060629	51	Joint interference cancellation of pilot, overhead and traffic channels	455/63.1
6	US 20060141934 A1	20060629	51	Traffic interference cancellation	455/63.1
7	US 20060141933 A1	20060629	50	Channel estimation for interference cancellation	455/63.1
8	US 20060140259 A1	20060629	36	Sub-symbol parallel interference cancellation	375/148
9	US 20060140258 A1	20060629	35	Sub-symbol parallel interference cancellation	375/148
10	US 20060126703 A1	20060615	18	Method of receiving spread spectrum signal, and receiver	375/147
11	US 20060013289 A1	20060119	33	Multistage adaptive parallel interference canceller	375/148
12	US 20060007895 A1	20060112	37	Method and apparatus for canceling pilot interference in a wireless communication system	370/335
13	US 20050276313 A1	20051215	8	Data transmission method and receiver	375/148
14	US 20050185594 A1	20050825	11	Method of selecting transport channel parameters, radio system, controller, user equipment and base station	370/252
15	US 20050163198 A1	20050728	15	Method of parallel interference cancellation and an apparatus thereof	375/148
16	US 20050128985 A1	20050616	25	Combined adaptive spatio-temporal processing and multi-user detection for CDMA wireless systems	370/335
17	US 20050111566 A1	20050526	16	Wireless communication apparatus and method for multiple transmit and receive antenna system using multiple codes	375/267

	Inventor
1	Smee; John Edward et al.
2	Witzgall; Hanna Elizabeth et al.
3	Massicotte; Daniel et al.
4	Tomasin; Stefano et al.
5	Hou; Jilei et al.
6	Pfister; Henry David et al.
7	Smee; John Edward et al.
8	Dunyak; James P. et al.
9	Dunyak; James P. et al.
10	Karna; Juha O.
11	Hwang; In Kwan
12	Coralli; Alessandro Vanelli et al.
13	Horneman, Kari et al.
14	Horneman, Kari et al.
15	Wei, Limei et al.
16	Liberti, Joseph Charles JR. et al.
17	Park, Chang-Soon et al.

	Document ID	Issue Date	Pages	Title	Current OR
18	US 20050111414 A1	20050526	29	Parallel interference cancellation and minimum cost channel estimation	370/335
19	US 20050043943 A1	20050224	13	Blind speech user interference cancellation (SUIC) for high speed downlink packet access (HSDPA)	704/201
20	US 20050036569 A1	20050217	13	Perturbation and equalization method and system for multi-user detection	375/316
21	US 20050013350 A1	20050120	37	Method and apparatus for canceling pilot interference in a wireless communication system	375/148
22	US 20050002445 A1	20050106	37	Sub-symbol parallel interference cancellation	375/148
23	US 20040246927 A1	20041209	13	Method of double weighting parallel interference cancellation	370/335
24	US 20040196892 A1	20041007	19	Parallel interference cancellation receiver for multiuser detection CDMA signals	375/148
25	US 20040190601 A1	20040930	14	Method and apparatus for receiving a CDMA signal	375/148
26	US 20040176051 A1	20040909	13	Method and apparatus for receiving a CDMA signal	455/101
27	US 20040136444 A1	20040715	29	Cascade filter receiver for DS-CDMA communication systems	375/147
28	US 20040120274 A1	20040624	46	CDMA transceiver techniques for wireless communications	370/320
29	US 20040032848 A1	20040219	11	Combined equalizer and spread spectrum interference canceller method and implementation for the downlink of CDMA systems	370/342
30	US 20030215004 A1	20031120	12	Method for multiple access interference suppression, and receiver	375/148
31	US 20030206577 A1	20031106	29	Combined adaptive spatio-temporal processing and multi-user detection for CDMA wireless systems	375/152
32	US 20030112904 A1	20030619	22	Time variant filter implementation	375/350
33	US 20030095590 A1	20030522	15	Symbol-directed weighting in parallel interference cancellation	375/148

	Inventor
18	Liberti, Joseph Charles JR. et al.
19	Wang, Haifeng et al.
20	Lu, Chun Chian
21	Coralli, Alessandro Vanelli et al.
22	Dunyak, James P. et al.
23	Wei, Limei et al.
24	Reznik, Alexander
25	Papadimitriou, Panayiotis D. et al.
26	Papadimitriou, Panayiotis D. et al.
27	Massicotte, Daniel et al.
28	Petre, Frederik et al.
29	Papasakellariou, Aris .
30	Vihriala, Jaakko
31	Liberti, Joseph Charles JR. et al.
32	Fuller, Arthur T.G. et al.
33	Fuller, Arthur T. G. et al.

	Document ID	Issue Date	Pages	Title	Current OR
34	US 20030053526 A1	20030320	21	Parallel interference cancellation receiver for multiuser detection of CDMA signals	375/148
35	US 20030012264 A1	20030116	15	Interference cancellation system and method	375/148
36	US 20030007473 A1	20030109	42	Method and apparatus for integrating wireless communication and asset location	370/338
37	US 20020196841 A1	20021226	18	Method of receiving spread spectrum signal, and receiver	375/147
38	US 20020159507 A1	20021031	24	Method and apparatus for regenerative based interference cancellation within a communication system	375/148
39	US 20020154713 A1	20021024	16	Reduction of linear interference canceling scheme	375/346
40	US 20020065664 A1	20020530	21	System and method for linear prediction	704/500
41	US 20020051433 A1	20020502	96	Interference suppression in CDMA systems	370/335
42	US 7133435 B2	20061107	11	Interference cancellation system and method	375/148
43	US 7103537 B2	20060905	23	System and method for linear prediction	704/219
44	US 7099378 B2	20060829	35	Sub-symbol parallel interference cancellation	375/148
45	US 7023903 B2	20060404	19	Method of receiving spread spectrum signal, and receiver	375/147
46	US 6975666 B2	20051213	94	Interference suppression in CDMA systems	375/130
47	US 6961395 B2	20051101	21	Time variant filter implementation	375/350
48	US 6959065 B2	20051025	15	Reduction of linear interference canceling scheme	376/346
49	US 6931052 B2	20050816	15	Symbol-directed weighting in parallel interference cancellation	375/144
50	US 6816541 B1	20041109	20	Spread spectrum interference cancellation	375/148
51	US 6724809 B2	20040420	22	Parallel interference cancellation receiver for multiuser detection of CDMA signals	375/148

	Inventor
34	Reznik, Alexander
35	Papasakellariou, Aris et al.
36	Strong, Jon et al.
37	Karna, Juha
38	Flaig, Alexander et al.
39	Sparrman, Erik et al.
40	Witzgall, Hanna Elizabeth et al.
41	Affes, Sofiene et al.
42	Papasakellariou; Aris et al.
43	Witzgall; Hanna Elizabeth et al.
44	Dunyak; James P. et al.
45	Karna; Juha
46	Affes; Sofiene et al.
47	Fuller; Arthur T. G. et al.
48	Sparrman; Erik et al.
49	Fuller; Arthur T. G. et al.
50	Schmidl; Timothy M.
51	Reznik; Alexander

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52	US 6529495 B1	20030304	17	Method and apparatus for providing differencing multistage detection in the reverse link of a code division multiple access communication system	370/342
53	US 6240099 B1	20010529	16	Multi-user code division multiple access receiver	370/441
54	US 6201799 B1	20010313	11	Partial decorrelation for a coherent multicode code division multiple access receiver	370/342
55	US 6154443 A	20001128	18	FFT-based CDMA RAKE receiver system and method	370/210
56	WO 3103202 A1	20031211	30	A METHOD OF PARALLEL INTERFERENCE CANCELLATION AND AN APPARATUS THEREOF	
57	US 20040176051 A	20040909	13	Radio receiver e.g. cellular telephone in network employing space-time transmit diversity, has STTD-linear minimum mean square error receiver that refines estimation of transmitted signal using parallel interference cancellation	

	Inventor
52	Aazhang; Behnaam et al.
53	Lim; Teng Joon et al.
54	Huang; Howard C. et al.
55	Huang; Chia-Chi et al.
56	WEI, LIMEI et al.
57	BORRAN, M J et al.